

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE <div style="text-align: center;">J</div>		PAGE OF PAGES <div style="text-align: center;">1 2</div>	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 25-Feb-2005		4. REQUISITION/PURCHASE REQ. NO. W38XGR-4351-0205		5. PROJECT NO.(If applicable)	
6. ISSUED BY US ARMY ENGINEER DISTRICT, MEMPHIS 167 N MAIN STREET B202 MEMPHIS TN 38103-1894		CODE W912EQ		7. ADMINISTERED BY (If other than item 6) <div style="text-align: center; font-weight: bold;">See Item 6</div>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. W912EQ-05-B-0002			
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 02-Feb-2005			
				10A. MOD. OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) THIS AMENDMENT WAS ISSUED TO REFLECT THE FOLLOWING CHANGE(S). 1. CHANGE THE TIME OF BID OPENING FROM MARCH 8, 2005 12 A.M. TO READ MARCH 8, 2:30 P.M. 2. ADD THE NAME OF PROJECT IN BLOCK 10 OF THE SF 1442 TO READ STEELE BYPASS WEIR, PEMISCOT COUNTY, MO. 3. DELETE THE BID SCHEDULE IN IT ENTIRETY AND ADD NEW BID SCHEDULE. 4. ADD THE ATTACHED GRADATION CURVE PLATES I, II, III, IV, AND V TO SECTION 02542. 5. DELETE THE INVITATION NO. W912EQ-04-B-0001 IN SECTION 02114, FROM PAGE 1.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 25-Feb-2005	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SECTION SF30 - BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

(End of Summary of Changes)

Steele Bypass
Bid Schedule

Section Supplies or Services and Price

0001	Mobilization & Demobilization	1	LS	XXXX	\$_____
0002	Clearing	1	LS	XXXX	\$_____
0003	Dressing, Fertilizing, and Seeding	1	LS	XXXX	\$_____
0004	Excavation	17,000	CY	_____	\$_____
0005	Filter Material	3,530	Net Ton (2,000 LB)	_____	\$_____
0006	Riprap "R-400rev"	10,500	Net Ton (2,000 LB)	_____	\$_____
0007	Grout	800	CY	_____	\$_____
0008	Environmental Protection	1	LS	XXXX	\$_____
TOTAL ITEMS					\$_____

Amendment 0001

LMVD STANDARD TEST METHOD FOR GRADATION

1. Select a representative sample (Note #1), weigh and dump on hard stand.
2. Select four specific size stones to use as reference stones (a1, b1, c1, and d1) while performing the "individual weight larger than" test (see example & Note #2). Selected stone sizes should represent an evenly distributed cross section of the various size stones contained within the sample. Reference stone "a1" is typically the largest stone in the sample. Procedure is similar to the standard aggregate gradation test for "individual weight retained".
3. Determine the largest size stone in the sample. (100% size)
4. Separate the sample into piles starting with the stones that are larger than reference stone "b1" and proceeding to the smallest stones. The first pile should contain all stones larger than reference stone "b1" and smaller than "a1", the largest stone. Pile two should contain all stones larger than "c1" and smaller than "b1". Pile 3 should contain all stones larger than "d1" and smaller than "c1". The remaining pile should contain all stones smaller than "d1". Use reference stones for visual comparison in separating the obviously "larger than" stones. Stones that appear close to a specific size reference stone must be individually weighed. If a stone is heavier than the specific size reference stone, it should be placed in the pile containing the stones larger than the reference stone. Weigh each pile as a whole or cumulatively adding each stone in the individual piles.
5. Paragraph D above will result in "individual weight retained" figures. Calculate individual percent retained (heavier than) and cumulative percent retained and cumulative percent passing (lighter than). Record test results, as shown on Plate II, on the "Gradation Test Data Sheet" (Plate IV). Plot percent finer by weight, along with the specification curves on ENG Form 4055.
6. See plate IV and a RIPRAP GRADATION CURVES plate for a blank "Gradation Test Data Sheet" and a blank ENG FORM 4055.

NOTES

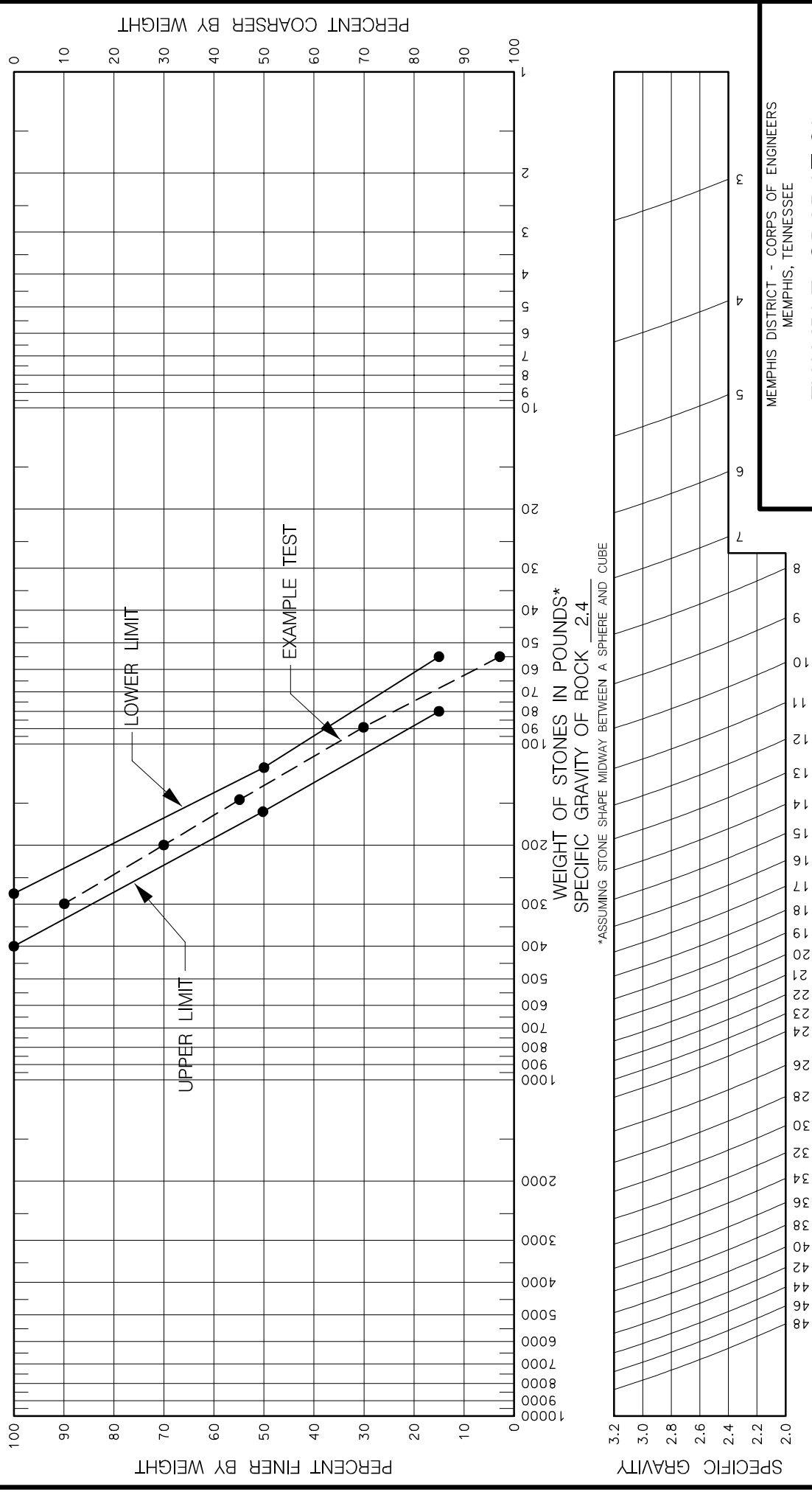
7. Sample Selection. The most important part of the test and the least precise is the selection of a representative sample. No "standard" can be devised; larger quarry run stone is best sampled at the shot or muck pile by given direction to the loader; small graded riprap is best sampled by random selection from the transporting vehicles. If possible, all parties should take part in the sample selection and agree before the sample is run that the sample is representative.
8. Selection of Size for Separation. It is quite possible and accurate to run a gradation using any convenient sizes for the separation, without reference to the specifications. However, it is usually more convenient to select weights from the gradation limits, such as the 90 lbs., 40 lbs., 20 lbs., and 5 lbs. as shown in the following "R-90" example. After the test is plotted on ENG 4055 and a curve drawn, the gradation limits from the specifications shall be plotted.

E X A M P L E G R A D A T I O N - S P E C I F I C A T I O N S
B A S E D O N " R - 4 0 0 r e v "

Stone Weight in Lbs.	Percent Finer by Weight
400 - 280	100
160 - 120	50
80 - 55	15

E X A M P L E G R A D A T I O N - W O R K S H E E T
B A S E D O N " R - 9 0 "

Stone Size (lbs)	Weight Retained	Individual % Retained	Cumulative		
			% Ret.	% Pass	
400	0	0	-	100	
300	7500	10	10	90	
200	15000	20	30	70	
140	11250	15	45	55	
90	18750	25	70	30	
	20250	27	97	3	
	2250	3	100	-	
Total Weight	75000lbs				



MEMPHIS DISTRICT - CORPS OF ENGINEERS
MEMPHIS, TENNESSEE

EXAMPLE GRADATION BASED ON "R-400rev"

PROJECT: _____ DATE: _____

RIPRAP GRADATION CURVES

G R A D A T I O N T E S T D A T A S H E E T

Quarry _____ Stone Tested _____

Date of Test _____ Testing Rate _____

T E S T R E P R E S E N T S

Contract No.	District	Tons
TOTAL		

G R A D A T I O N

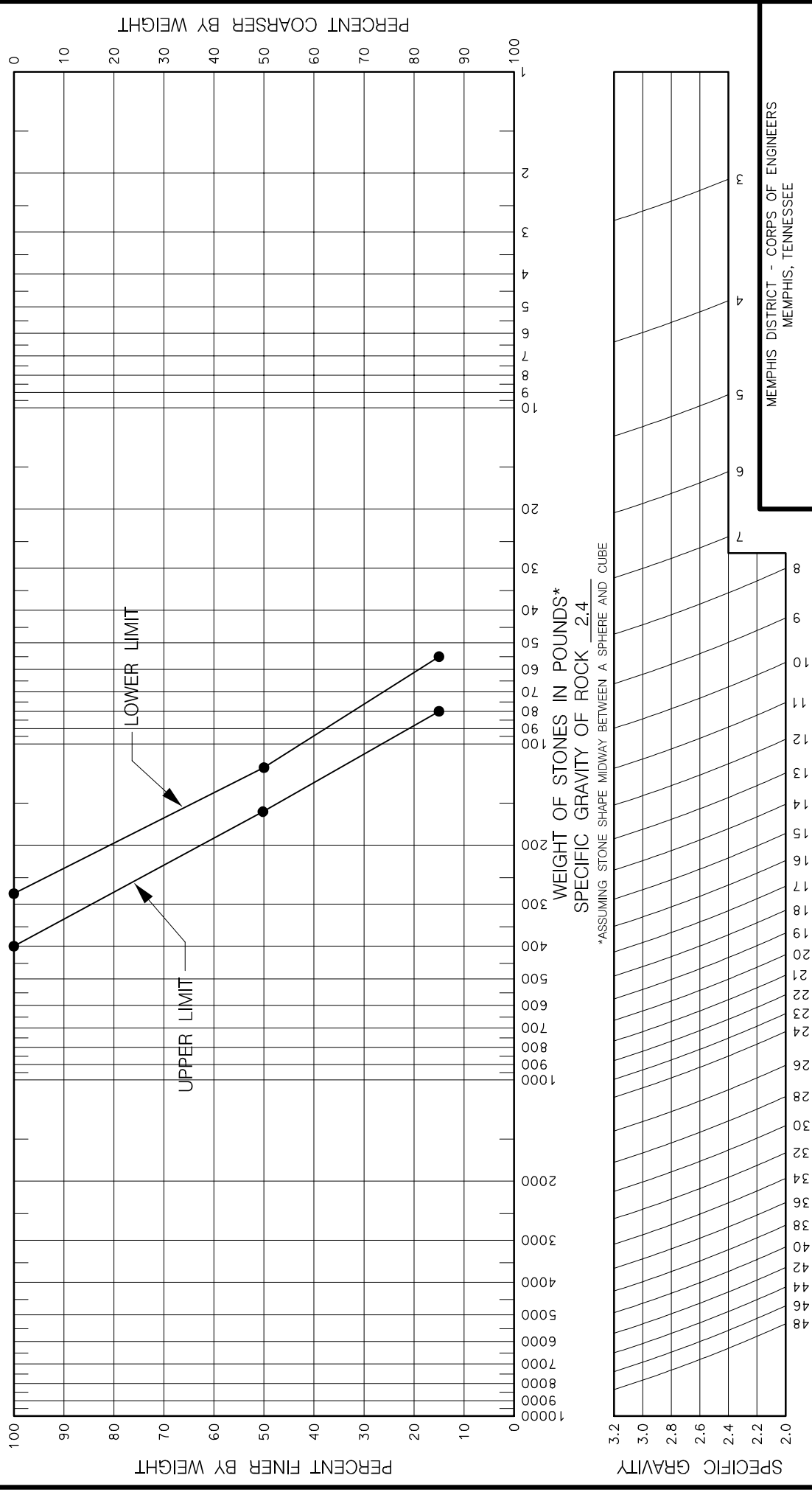
Stone Size (lbs)	Weight Retained	Individual % Retained	Cumulative % Ret.	% Pass	Specification % Finer by wt
Total Weight					

Remarks: _____

I Certify that the above stone sample is representative of the total tonnage covered by this test report.

Contractor Representative _____

Government Representative _____



MEMPHIS DISTRICT - CORPS OF ENGINEERS
MEMPHIS, TENNESSEE

"R-400rev"

PROJECT: _____ DATE: _____

RIPRAP GRADATION CURVES